

WHAT IS CLAIMED IS:

1. A shutter for digital still cameras, comprising:

a motor having a stator including an energizing coil, having a rotor constituted by a two-pole permanent magnet and capable of reciprocatingly moving by a predetermined rotational angle correspondingly to a direction in which a current is supplied to said coil, and having a driving pin integrally provided with said rotor and extending in parallel with a rotation shaft of said rotor;

two shutter blades capable of being relatively moved by said driving pin to open and close an exposure aperture;

a plurality of magnetic holding means respectively disposed against each magnetic pole of said rotor, and configured so that an attractive force caused from a magnetic force of said rotor acting between said rotor and each of said plurality of magnetic holding means is exerted to rotate said rotor in either direction from a midpoint angular position in the rotational angle; and

forcing means capable of directly or indirectly preventing rotation of said rotor, and maintaining a small-diameter exposure aperture regulating state by said two shutter blades in cooperation with the attractive force, when energization of said coil is interrupted at an exposure aperture regulating position at which said rotor rotates beyond the midpoint angular position by a predetermined angle.

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3. A shutter for digital still cameras according to claim 1 or 2, wherein said forcing means is one or two torsion springs and adapted to be directly in contact with said two shutter blades.

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